

SCORE Search Results Details for Application 10687035 and Search Result 20080310_154540_us-10-687-035-1_copy_14_452.rai.

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_154540_us-10-687-035-1_copy_14_452.rai.

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OM protein - protein search, using sw model

Run on: March 11, 2008, 01:36:02 ; Search time 84 Seconds
(without alignments)
821.818 Million cell updates/sec

Title: US-10-687-035-1_COPY_14_452
Perfect score: 2321
Sequence: 1 FTHRSSVSTTSTPGIPTVYL.....HGVTQLGFYVLDRLSLFING 439

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1048630 seqs, 157249835 residues

Total number of hits satisfying chosen parameters: 1048630

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/2/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/2/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/2/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/2/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/2/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	% Query Match	Length	DB	ID	Description
1	2321	100.0	772	2	US-09-404-879A-388	Sequence 388, App
2	2321	100.0	772	2	US-09-667-857-388	Sequence 388, App
3	2321	100.0	772	2	US-10-198-053-388	Sequence 388, App
4	2321	100.0	772	2	US-09-827-271-388	Sequence 388, App
5	2321	100.0	772	3	US-09-636-801-388	Sequence 388, App
6	2321	100.0	833	2	US-09-404-879A-389	Sequence 389, App
7	2321	100.0	833	2	US-09-667-857-389	Sequence 389, App
8	2321	100.0	833	2	US-10-198-053-389	Sequence 389, App
9	2321	100.0	833	2	US-09-827-271-389	Sequence 389, App
10	2321	100.0	833	3	US-09-636-801-389	Sequence 389, App
11	2321	100.0	914	2	US-09-404-879A-312	Sequence 312, App
12	2321	100.0	914	2	US-09-338-933-312	Sequence 312, App
13	2321	100.0	914	2	US-09-667-857-312	Sequence 312, App
14	2321	100.0	914	2	US-10-198-053-312	Sequence 312, App
15	2321	100.0	914	2	US-10-198-053-478	Sequence 478, App
16	2321	100.0	914	2	US-09-827-271-312	Sequence 312, App
17	2321	100.0	914	3	US-09-636-801-312	Sequence 312, App
18	2317	99.8	1890	3	US-10-253-286-314	Sequence 314, App
19	2312	99.6	3451	2	US-10-198-053-595	Sequence 595, App
20	2301	99.1	1148	2	US-10-198-053-458	Sequence 458, App
21	2301	99.1	1148	2	US-10-198-053-479	Sequence 479, App
22	2301	99.1	1148	2	US-09-827-271-458	Sequence 458, App
23	2301	99.1	1148	3	US-10-257-021-56	Sequence 56, Appl
24	2301	99.1	1148	3	US-09-965-738B-48	Sequence 48, Appl
25	2301	99.1	1156	2	US-10-198-053-459	Sequence 459, App
26	2301	99.1	1156	2	US-09-827-271-459	Sequence 459, App
27	2301	99.1	2248	3	US-09-965-738B-50	Sequence 50, Appl
28	2301	99.1	9799	3	US-09-965-738B-146	Sequence 146, App
29	2301	99.1	11721	3	US-09-965-738B-162	Sequence 162, App
30	1436	61.9	304	2	US-10-198-053-486	Sequence 486, App
31	1389.5	59.9	5935	3	US-10-243-243C-8	Sequence 8, Appli
32	1384.5	59.7	909	3	US-09-965-738B-69	Sequence 69, Appl
33	1365.5	58.8	1366	3	US-09-965-738B-47	Sequence 47, Appl
34	1363.5	58.7	624	3	US-09-965-738B-160	Sequence 160, App
35	1348.5	58.1	780	3	US-09-965-738B-159	Sequence 159, App
36	1322	57.0	780	3	US-09-965-738B-158	Sequence 158, App
37	1317	56.7	594	3	US-09-965-738B-71	Sequence 71, Appl
38	1303	56.1	597	3	US-09-965-738B-78	Sequence 78, Appl
39	1284.5	55.3	525	3	US-09-965-738B-70	Sequence 70, Appl

40	1250.5	53.9	479	3	US-09-965-738B-80	Sequence 80, Appl
41	1242.5	53.5	468	3	US-09-965-738B-161	Sequence 161, App
42	1204	51.9	545	3	US-10-243-243C-4	Sequence 4, Appli
43	1181.5	50.9	443	3	US-09-965-738B-42	Sequence 42, Appl
44	1159	49.9	439	3	US-09-965-738B-39	Sequence 39, Appl
45	1112	47.9	420	3	US-09-965-738B-38	Sequence 38, Appl

ALIGNMENTS

RESULT 1

US-09-404-879A-388

; Sequence 388, Application US/09404879A

; Patent No. 6468546

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.

; APPLICANT: King, Gordon E.

; APPLICANT: Algate, Paul A.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND

; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER

; FILE REFERENCE: 210121.462C2

; CURRENT APPLICATION NUMBER: US/09/404,879A

; CURRENT FILING DATE: 1999-09-24

; NUMBER OF SEQ ID NOS: 393

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 388

; LENGTH: 772

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-404-879A-388

Query Match 100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240

Db	339	 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	 GVTQLGFYVLDLDRDSLFIN	597

RESULT 2
US-09-667-857-388
; Sequence 388, Application US/09667857
; Patent No. 6699664
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C5
; CURRENT APPLICATION NUMBER: US/09/667,857
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-667-857-388

Query Match 100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;

Matches	439;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60						
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218						
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120						
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278						
Qy	121	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180						
Db	279	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338						
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240						
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398						
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSL YLNGYNEPGPDEPPT	300						
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSL YLNGYNEPGPDEPPT	458						
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360						
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518						
Qy	361	PLFQKSSMGPFYLG CQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420						
Db	519	PLFQKSSMGPFYLG CQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578						
Qy	421	GVTQLGFYVLD RDSL FING	439						
Db	579	GVTQLGFYVLD RDSL FING	597						

RESULT 3
US-10-198-053-388
; Sequence 388, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hill, Paul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C9
; CURRENT APPLICATION NUMBER: US/10/198,053
; CURRENT FILING DATE: 2002-07-17

; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-388

Query Match 100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	GVTQLGFYVLDLDRDSLFIN	597

RESULT 4
US-09-827-271-388
; Sequence 388, Application US/09827271
; Patent No. 6962980

; GENERAL INFORMATION:
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C6
; CURRENT APPLICATION NUMBER: US/09/827,271
; CURRENT FILING DATE: 2001-04-04
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-827-271-388

Query Match 100.0%; Score 2321; DB 2; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDRDSL FING	439

Db 579 GVTQLGFYVLDLDRDSLFIN 597

RESULT 5

US-09-636-801-388
; Sequence 388, Application US/09636801
; Patent No. 7202334
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C4
; CURRENT APPLICATION NUMBER: US/09/636,801
; CURRENT FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 388
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-636-801-388

Query Match 100.0%; Score 2321; DB 3; Length 772;
Best Local Similarity 100.0%; Pred. No. 1.7e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
|
Db 159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy 61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 120
|
Db 219 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 278

Qy 121 GLDREQLYLELSQLTHSITELGPYTLDLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
|
Db 279 GLDREQLYLELSQLTHSITELGPYTLDLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 338

Qy 181 INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR 240
|

Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	GVTQLGFYVLDLDRDSLFIN	597

RESULT 6
US-09-404-879A-389
; Sequence 389, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C2
; CURRENT APPLICATION NUMBER: US/09/404,879A
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 393
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-404-879A-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	78	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	137
Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120

Db	138	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGJVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGJVSEEPFTLNFT	257
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	378	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	437
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	438	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	497
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	498	GVTQLGFYVLDLDRDSLFIN	516

RESULT 7
US-09-667-857-389
; Sequence 389, Application US/09667857
; Patent No. 6699664
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C5
; CURRENT APPLICATION NUMBER: US/09/667,857
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-667-857-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	78	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	137
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	138	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	257
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	378	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	437
Qy	361	PLFQKSSMGPFYLG CQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	438	PLFQKSSMGPFYLG CQLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	497
Qy	421	GVTQLGFYVLD RDSL FING	439
Db	498	GVTQLGFYVLD RDSL FING	516

RESULT 8
US-10-198-053-389
; Sequence 389, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hill, Paul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C9
; CURRENT APPLICATION NUMBER: US/10/198,053
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	78	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	137
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	138	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	257
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	378	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	437
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	438	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	497
Qy	421	GVTQLGFYVLDRDSLFIN	439

Db 498 GVTQLGFYVLDLDRDSLFIN 516

RESULT 9
US-09-827-271-389
; Sequence 389, Application US/09827271
; Patent No. 6962980
; GENERAL INFORMATION:
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C6
; CURRENT APPLICATION NUMBER: US/09/827,271
; CURRENT FILING DATE: 2001-04-04
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-827-271-389

Query Match 100.0%; Score 2321; DB 2; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	78	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	137
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	120
Db	138	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVSEEPFTLNFT	257
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360

Db 378 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR 437
Qy 361 PLFQKSSMGPFFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSOLTH 420
Db 438 PLFQKSSMGPFFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSOLTH 497
Qy 421 GVTQLGFYVLDLDRDSLFIN 439
Db 498 GVTQLGFYVLDLDRDSLFIN 516

RESULT 10
US-09-636-801-389
; Sequence 389, Application US/09636801
; Patent No. 7202334
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C4
; CURRENT APPLICATION NUMBER: US/09/636,801
; CURRENT FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 389
; LENGTH: 833
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-636-801-389

Query Match 100.0%; Score 2321; DB 3; Length 833;
Best Local Similarity 100.0%; Pred. No. 1.9e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
Db 78 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 137
Qy 61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 120

Db	138	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	197
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	198	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	257
Qy	181	INNLRYMADMGPGLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	258	INNLRYMADMGPGLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	317
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	318	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	377
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	378	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	437
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	438	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	497
Qy	421	GVTQLGFYVLDRDSLFIN	439
Db	498	GVTQLGFYVLDRDSLFIN	516

RESULT 11
US-09-404-879A-312
; Sequence 312, Application US/09404879A
; Patent No. 6468546
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C2
; CURRENT APPLICATION NUMBER: US/09/404,879A
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 393
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-404-879A-312

Query Match 100.0%; Score 2321; DB 2; Length 914;

Best Local Similarity 100.0%; Pred. No. 2.3e-222;

Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	GVTQLGFYVLDLDRDSLFIN	597

RESULT 12

US-09-338-933-312

; Sequence 312, Application US/09338933

; Patent No. 6488931

; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer Lynn

; APPLICANT: King, Gordon E.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY OF

; TITLE OF INVENTION: OVARIAN CANCER

; FILE REFERENCE: 210121.462C1

; CURRENT APPLICATION NUMBER: US/09/338,933

; CURRENT FILING DATE: 1999-06-23

; NUMBER OF SEQ ID NOS: 312

; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-338-933-312

Query Match 100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLD RDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDRDSL FING	439
Db	579	GVTQLGFYVLDRDSL FING	597

RESULT 13
US-09-667-857-312
; Sequence 312, Application US/09667857
; Patent No. 6699664
; GENERAL INFORMATION:

; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: King, Gordon E.
; APPLICANT: Algate, Paul A.
; APPLICANT: Fling, Steven P.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary Richard
; APPLICANT: Reed, Steven G.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C5
; CURRENT APPLICATION NUMBER: US/09/667,857
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 312
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-667-857-312

Query Match 100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60
Db	159	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218
Qy	61	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGTVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGPGLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGPGLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFPLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518

Qy 361 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 420
|||||
Db 519 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH 578

Qy 421 GVTQLGFYVLDLDRDSLFIN 439
|||||
Db 579 GVTQLGFYVLDLDRDSLFIN 597

RESULT 14
US-10-198-053-312
; Sequence 312, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hill, Paul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C9
; CURRENT APPLICATION NUMBER: US/10/198,053
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 312
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-312

Query Match 100.0%; Score 2321; DB 2; Length 914;
Best Local Similarity 100.0%; Pred. No. 2.3e-222;
Matches 439; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 60
|||||
Db 159 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG 218

Qy 61 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 120
|||||
Db 219 SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLRPEKDGEATGVDAICTHRPDPTGP 278

Qy 121 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 180
|||||
Db 279 GLDREQLYLELSQLTHSITELGPYTLDRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT 338

Qy 181 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR 240

Db	339	 INNLRYMADMGQPGSLKFNITDNVMKHLLSPLFQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	 VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	 TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	 PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDLDRDSLFIN	439
Db	579	 GVTQLGFYVLDLDRDSLFIN	597

RESULT 15
US-10-198-053-478
; Sequence 478, Application US/10198053
; Patent No. 6858710
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Retter, Marc W.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Hill, Paul
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.462C9
; CURRENT APPLICATION NUMBER: US/10/198,053
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 624
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 478
; LENGTH: 914
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-198-053-478

Query Match	100.0%;	Score 2321;	DB 2;	Length 914;
Best Local Similarity	100.0%;	Pred. No. 2.3e-222;		
Matches	439;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;
Qy	1	FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	60	
Db	159	 FTHRSSVSTTSTPGTPTVYLGASKTPASIFGPSAASHLLILFTLNFTITNLRYEENMWPG	218	

Qy	61	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	120
Db	219	SRKFNTTTERVLQGLLRPLFKNTSVGPLYSGCRLTLLRPEKDGEATGVDAICTHRPDPTGP	278
Qy	121	GLDREQLYLELSQLTHSITELGPYTLDNRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	180
Db	279	GLDREQLYLELSQLTHSITELGPYTLDNRDSLYVNGFTHRSSVPTTSTGVVSEEPFTLNFT	338
Qy	181	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	240
Db	339	INNLRYMADMGQPGSLKFNITDNVMKHLSPFLQRSSLGARYTGCRVIALRSVKNGAETR	398
Qy	241	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	300
Db	399	VDLLCTYLQPLSGPGLPIKQVFHELSSQQTHGITRLGPYSLDKDSLYLNGYNEPGPDEPPT	458
Qy	301	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	360
Db	459	TPKPATTFLPPLSEATTAMGYHLKTLTLNFTISNLQYSPDMGKGSATFNSTEGVLQHLLR	518
Qy	361	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	420
Db	519	PLFQKSSMGPFYLGCLISLRPEKDGAATGVDTTCTYHPDPVGPGLDIQQLYWELSQLTH	578
Qy	421	GVTQLGFYVLDRDSLFIN	439
Db	579	GVTQLGFYVLDRDSLFIN	597

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